

## PATENT ABSTRACTS OF JAPAN

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(21)Application number : 11-188510

(71)Applicant : NIPPON TELEGR & TELEPH CORP  
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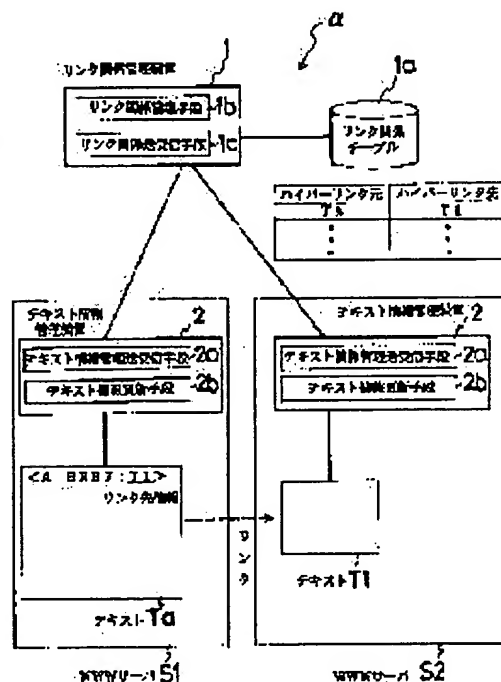
(72)Inventor : ATO HIROKAZU

(54) METHOD AND SYSTEM DEVICE FOR HYPERLINK MANAGEMENT AND RECORDING MEDIUM  
RECORDING HYPERLINK MANAGEMENT PROGRAM

(57)Abstract:

PROBLEM TO BE SOLVED: To make link relations between hypertexts match with each other.

SOLUTION: This hyperlink management system device &amp;alpha; is provided with a link relation managing device 1 managing a link management table 1a constituted of the addresses of a hyperlink source and a hyperlink destination as pair and a text information managing device 2 which transmits the pair and addresses before and after change, when the change is made at the hyperlink destination, to the device 1, on the other hand, updates the link destination information of the hyperlink source into the changed address in the case of receiving the addresses before and after the change of the hyperlink destination from the device 1.



## LEGAL STATUS

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DIALOG(R) File 351:Derwent WPI

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013703341

WPI Acc No: 2001-187565/200119

XRPX Acc No: N01-134434

Hyper-\*link\* \*management\* for \*WWW\* server, involves centralized control of text information management apparatus by automatically updating hyper-link element information if there is change in hyper-link tip information

Patent Assignee: NIPPON TELEGRAPH &amp; TELEPHONE CORP (NITE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No     | Kind | Date     | Applicat No | Kind | Date     | Week     |
|---------------|------|----------|-------------|------|----------|----------|
| JP 2001014208 | A    | 20010119 | JP 99188510 | A    | 19990702 | 200119 B |

Priority Applications (No Type Date): JP 99188510 A 19990702

Patent Details:

| Patent No     | Kind | Lan Pg | Main IPC    | Filing Notes |
|---------------|------|--------|-------------|--------------|
| JP 2001014208 | A    | 10     | G06F-012/00 |              |

Abstract (Basic): JP 2001014208 A

Abstract (Basic):

NOVELTY - Hyper-\*link\* \*management\* apparatus (1) \*manages\* \*link\* \*management\* table (1a) containing hyper-link element information and hyper-link tip information to perform centralized control of text information \*management\* apparatus (2). When \*link\* tip information is changed, hyper-link element information is automatically updated.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Hyper-\*link\* \*management\* system;

(b) Recording medium for storing hyper-\*link\* \*management\* program  
USE - For \*WWW\* server.

ADVANTAGE - Link tip information on hyper-link element is updated automatically and immediately when there is modification in hyper-link tip information. This allows user to access relevant text without search.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of hyper-link control system.

Hyper-\*link\* \*management\* apparatus (1)

\*Link\* \*management\* table (1a)

Text information management apparatus (2)

pp; 10 DwgNo 1/3

International Patent Class (Main): G06F-012/00

International Patent Class (Additional): G06F-013/00; H04L-012/54;

H04L-012/58

11/3,IC,BA/14

DIALOG(R) File 351:Derwent WPI

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013039385

Abstract (Basic): JP 11212933 A

NOVELTY - Protocols referred by clients are stored in a protocol file (117). Task to be executed based on specification stipulated by protocol is stored in task execution file (123). Server (112) grants permission to share protocol only to authenticated clients (105).

USE - For electronic commercial transaction in wide area network, \*internet\*.

ADVANTAGE - Enables to share protocol safely by granting permission only to authenticated client agents. DESCRIPTION OF DRAWING(S) - The figure shows \*link\* protocol \*management\* system. (105) Client; (112) Server; (117) Protocol file; (123) Task execution file.

Dwg.1/8

International Patent Class (Main): G06F-015/16

International Patent Class (Additional): G06F-009/44; G06F-013/00;

G06F-015/00

11/3, IC, BA/22

DIALOG(R) File 351:Derwent WPI

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012352397

WPI Acc No: 1999-158504/199914

XRPX Acc No: N99-115107

Worldwide web (\*WWW\*) page link control system for confirming updating status of a link page from a \*WWW\* page in the \*internet\* - has display device that shows established updating identification information indicating newly updated purport among \*WWW\* pages after matching link data corresponding to newly updated link place page

Patent Assignee: HITACHI JOHO SYSTEMS KK (HITA-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No   | Kind | Date     | Applicat No | Kind | Date     | Week     |
|-------------|------|----------|-------------|------|----------|----------|
| JP 11015851 | A    | 19990122 | JP 97171323 | A    | 19970627 | 199914 B |

Priority Applications (No Type Date): JP 97171323 A 19970627

Patent Details:

| Patent No   | Kind | Lan | Pg | Main IPC    | Filing Notes |
|-------------|------|-----|----|-------------|--------------|
| JP 11015851 | A    |     | 8  | G06F-017/30 |              |

Abstract (Basic): JP 11015851 A

NOVELTY - A display device (2) shows an established updating identification information indicating the newly updated purport among the \*WWW\* pages (2a) after matching a link information corresponding to a newly updated link place page. DETAILED DESCRIPTION - The system automatically detects the latest renewal of the link place page matching the link information of the \*WWW\* pages. An INDEPENDENT CLAIM is included for a recording medium storing a control processing program for the \*WWW\* page link control system.

USE - For confirming updating status of a link page from a \*WWW\* page in the \*internet\*.

ADVANTAGE - Common user can easily designate updating notation for through parameter input operation due to automatic notation control of linking \*WWW\* page accompanied by the search and updating of a link place page. Ensures optimum actual updating \*management\* of \*link\*

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12/7/2

DIALOG(R) File 347:JAPIO

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06729328 \*\*Image available\*\*

\*LINK\* \*MANAGEMENT\* DEVICE AND ITS METHOD

PUB. NO.: 2000-315170 [JP 2000315170 A]

PUBLISHED: November 14, 2000 (20001114)

INVENTOR(s): DOI TORU

APPLICANT(s): NEC SOFTWARE CHUGOKU LTD

APPL. NO.: 11-123470 [JP 99123470]

FILED: April 30, 1999 (19990430)

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide \*link\* \*management\* device and method capable of grasping which \*www\* server has an HTML file from which an HTML file of an own \*www\* server is linked and protecting copyright.

SOLUTION: The \*link\* \*management\* device is provided with an identification(ID) registering/referring means 24 for generating ID in each HTML file in the case of registering the HTML file in an HTML storage means 23, and when an access including the ID is generated from an HTML file of another \*www\* server, acquiring the URL of the HTML file of the other \*www\* server, an ID storage means 25 for storing the generated ID and the URL corresponding to the HTML file and a URL registration buffer means 26 for storing the acquired URL of the HTML file of the other \*www\* server correspondingly to the ID.

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06699352 \*\*Image available\*\*

SYSTEM AND METHOD FOR DISTRIBUTED \*WWW\* \*LINK\* INVENTORY INFORMATION  
\*MANAGEMENT\*

PUB. NO.: 2000-285183 [JP 2000285183 A]

PUBLISHED: October 13, 2000 (20001013)

INVENTOR(s): IWATA NAOKI

APPLICANT(s): NEC COMMUN SYST LTD

APPL. NO.: 11-087381 [JP 9987381]

FILED: March 30, 1999 (19990330)

#### ABSTRACT

PROBLEM TO BE SOLVED: To prevent the occurrence of description miss or error caused by manual input work by automating and simplifying the management work of inventory information or the like at a plurality of distributed bases.

SOLUTION: Concerning the distributed \*WWW\* \*link\* inventory information